

CLAIMS

1. A material for a fuel system part, which comprises a resin composition comprising a polyamide resin (A) comprising, as an essential component, meta-xylylenediamine as a diamine component, and a resin (B) having a glass transition temperature lower than that of said polyamide resin (A) and a functional group capable of reacting with said polyamide resin (A), at a ratio of 11 - 100 parts by weight relative to 100 parts by weight of said polyamide resin (A), wherein said polyamide resin (A) is a matrix component and said resin (B) is a domain component.
2. The fuel system part material according to claim 1, wherein the domain made of the resin (B) has an average particle diameter of not more than 3 µm.
3. The material for a fuel system part according to claim 1 or 2, wherein the polyamide resin (A) is selected from the group consisting of a poly-meta-xylylene adipamide resin, a poly-meta-xylylene pimelamide resin, a polyamide resin comprising meta-xylylenediamine, terephthalic acid and adipic acid, a copolymer thereof and a blend thereof.
4. The material for a fuel system part according to any of claims 1 to 3, wherein the polyamide resin (A) comprises, as an essential component, cyclohexanedicarboxylic acid as a dicarboxylic acid component.
5. The material for a fuel system part according to any of claims 1 to 4, wherein the resin (B) is a polyolefin resin.
6. The material for a fuel system part according to claim 5,

wherein the polyolefin resin has an acid anhydride group.

7. A polyamide resin material for a fuel system part, which comprises, as an essential component, meta-xylylenediamine as a diamine component, and which has an izod impact strength with notch at -40°C of not less than 200 J/m and a permeability calculated from the weight change as measured by a cup method of a solution of toluene (45 vol%), iso-octane (45 vol%) and ethanol (10 vol%) after 250 hr at 65°C of not more than 30 g·mm/m²·day.
8. The polyamide resin material for a fuel system part according to claim 7, wherein the permeability is not more than 15 g·mm/m²·day, and the dicarboxylic acid component as an essential component is cyclohexanedicarboxylic acid.
9. A fuel system part comprising the material for a fuel system part according to any of claims 1 to 8.
10. The part according to claim 9, wherein the fuel system part is a fuel container comprising said material for a fuel system part.